



Upper Hudson River Sediment Remediation

FORT EDWARD - TROY, NEW YORK

PROJECT HIGHLIGHTS

- Phase 1: Cashman Dredging & Marine Contracting worked 24 hours a day, six days a week, for six months, to complete the first phase of work. Ultimately, 288,000 cubic yards (yd³) of sediment were removed, surpassing EPA's 2009 target.
- Phase 2: Cashman began the multi-seasoned second phase of work dredging, transporting sediments by barge to the processing facility, and shipping dewatered sediments by rail to disposal facilities.
- From May through November 2012, Cashman removed +663,000 yd³ of sediment during the season, far surpassing EPA's target of 350,000 yd³.
- Cashman also constructed a second unloading wharf at the processing facility during the winter 2012 season to accommodate the large volume of dredged materials.
- From April through November 2013, +628,000 yd³ of sediment were removed.
- The 2014 season commenced in early May; good weather and low river flows allowed Cashman to remove +583,000 yd³, again exceeding goals.
- During the project, dredging techniques and technologies were refined, which enabled industry-leading dredging precision while also increasing dredge productivity across a wide range of varied site conditions, from extremely shallow water to work in front of dams.
- The final season of dredging was performed from May to October 2015 and approximately 250,000 yd³ of PCB-impacted sediment was removed.

Location:	Upper Hudson River, Fort Edward - Troy, NY
Contractor:	Cashman Dredging & Marine Contracting Company, LLC
Subcontractor:	Clean Earth
Contract Completion:	2015
Dollar Value:	Confidential
Material Disposal:	Upland Disposal
Volume:	2,700,000 yd ³
Awarding Authority / Owner:	General Electric

Cashman Dredging was part of the "world-class team" assembled to conduct the largest PCB sediment remediation project in U.S. history. More than 2.76 million yd³ of sediment from a 40-mile stretch of the upper Hudson River between Fort Edward and Troy, NY were removed, and 100 percent of the PCBs targeted by the EPA were addressed.

